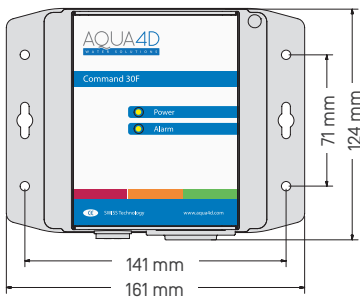


SYSTEM F-A 00

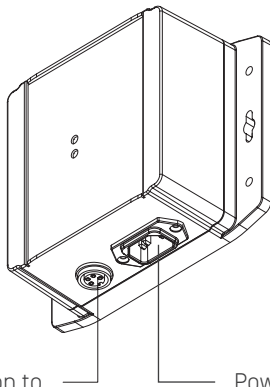
The Aqua-4D® F-A 00 system is a set composed of the following modules:

Command 30F



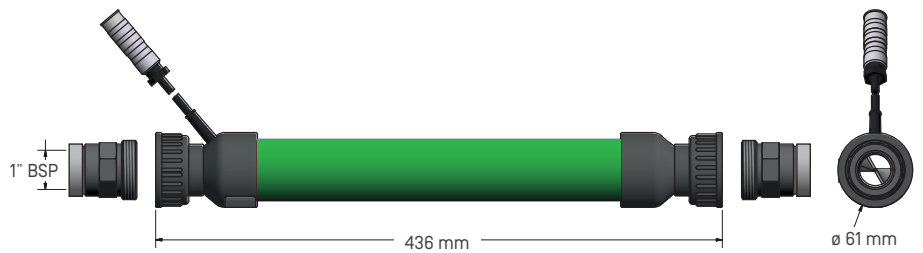
The Command 30F is the “brain” of the system. It produces treatment signals and controls continuously the good operation of the system.

Connectivity



Connection to one TU 60G-A
Power supply 100-240 V~, 47- 63 Hz

TU 60G-A



The treatment unit TU 60G-A diffuses the signals generated by the Command F Pro in the water and can treat a water flow up to 3,6m³/hr (13.2 gpm, 15.8 US gpm).

Installation instructions

- The positioning of the TUs within the water network must comply with strict rules. Consult your supplier.
- The installation of the TU in the pipes is performed in such a way that the arrow is pointing in the direction of the water flow.
- The TU can be installed horizontally or vertically.
- Use only the supplied O-rings for sealing.

Attention!

The TU Aqua-4D® should not be subject to any mechanical stress (traction or torque) during installation. No mechanical intervention should be performed on the TU.

Aqua-4D® 00 configuration

	Command 30F quantity	TU 60G-A quantity	Item n°	Flow rate [m ³ /h]	Flow rate [L/m]	Flow rate [gpm]	Flow rate [US gpm]	Weight [kg]
Aqua-4D® F-A 00	1	1	92112	3.6	60	13.2	15.8	2.6

Other configurations (larger flow rates) are available on request.

Technical data

Command 30F

Mechanical construction	
Dimensions	L x l x p : 161 x 126 x 62 mm
Weight	0.5 kg
Housing material	Polycarbonate
TU 60 connector	Binder Serie 423, 4 poles, female
Protection index	IP 43

Power supply	
Supply voltage	100 ... 240 V~, 47 ... 63 Hz
Power consumption	max. 9 W

Ambient conditions	
Ambient temperature	0 ... 40 °C [32 ... 104 °F]
Storage temperature	0 ... 60 °C [32 ... 140 °F]
Electromagnetic compatibility	Emissivity and immunity in accordance with IEC 61000-6-1 and IEC 61000-6-3
Surge protection	In accordance with IEC 61000-4-5
Relative humidity	0 ... 95 %, without condensation

Accessories

Extension cords for TU 60G-A

Length: 5 m, 10 m or 15 m (maximum)

Datasheet and detailed user manual can be downloaded at www.aqua4d-agriculture.com

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TU 60G-A

Mechanical construction	
Length [between mating surfaces]	436 mm
Max. external diameter	61 mm
Connection	Threaded union nut G 1.5", female
Adapters	PVC 32 mm, female coupling
Size rating	1" [DN 25]
Weight	1.7 kg
Connecting cable length	150 cm
Connector	Binder Serie 423, 4 poles, male
Maximum flow rate	60 L/min [3.6 m³/h, 1 l/s], 13.2 gpm, 15.8 US gpm
Nominal pressure	PN16

Ambient conditions	
Protection index	IP 65
Ambient temperature	0 ... 50 °C [32... 120 °F]
Storage temperature	0 ... 60 °C [32... 140 °F]
Installation temperature	10 ... 50 °C [50 ... 122 °F]

Materials and authorisations	
Material	PVC-U

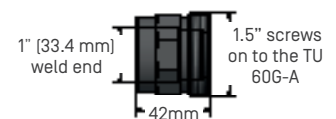
Water temperature	Maximum pressure
20°C	16 bar, 232 psi
40°C	10.3 bar, 149 psi
60°C	4 bar, 58 psi

Adapters (optional)

Inch adapter for TUs (to glue)

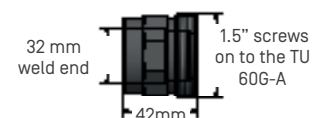
US standards pipes

TU 60G-A (1" weld end)



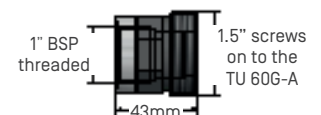
Metric adapter for TUs (to glue)

TU 60G-A (1" weld end)



Threaded adapter for TUs

TU 60G-A (1" female)



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